

15. The electromechanical device of claim **13**, wherein the processor module is further configured to determine a user of the electromechanical device based on the pattern formed by the plurality of trace wires in the chassis.

16. The electromechanical device of claim **8**, wherein the processor module comprises a plurality of configurable actuators each of which are configured to be set to an off state or an on state, and wherein the processor module determines the function to be performed by the electromechanical device based further on the off state or the on state of each of the plurality of configurable actuators.

17. The electromechanical device of claim **16**, wherein the processor module determines that the electromechanical device is to perform a first function responsive to attaching a set of functional modules to the chassis and setting a state of the plurality of configurable actuators to a first pattern, and wherein the processor module determines that the electromechanical device is to perform a second function when the same set of functional modules are housed within the chassis and setting the state of the plurality of configurable actuators to a second pattern.

18. The electromechanical device of claim **8**, wherein the processor module is configured to:

transmit, over a network, a request for software to a server responsive to detecting the one or more functional modules attached to the chassis;

receive the requested software from the server responsive to transmitting the request;

load the received software; and

operate the electromechanical device according to the loaded software.

19. The electromechanical device of claim **18**, wherein the requested software corresponds to the function to be performed by the electromechanical device as determined by the processor module based on the one or more functions attached to the chassis.

20. A method of configuring an electromechanical device, the method comprising:

attaching a processor module to a first attachment structure of a chassis, the processor module comprising a processor circuit, a memory circuit connected to the processor circuit, and an interfacing circuit connected to the processor circuit;

attaching each of one or more functional modules to each of one or more second attachment structures of the chassis, each of the one or more of functional modules associated with a discrete functionality; and

operatively connecting the interfacing circuit of the processor module with the one or more functional modules attached to the one or more second attachment structures by a plurality of traces electrically extending between the first attachment structure and the one or more second attachment structures, a function to be performed by the electromechanical device defined by at least the one or more functional modules attached to the one or more second attachment structures.

* * * * *